

# Alan J Cooper

## List of Publications by Year in descending order

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297  
papers

32,379  
citations

3933

88  
h-index

5255

165  
g-index

315  
all docs

315  
docs citations

315  
times ranked

25551  
citing authors

#	ARTICLE	IF	CITATIONS
1	Massive migration from the steppe was a source for Indo-European languages in Europe. <i>Nature</i> , 2015, 522, 207-211.	27.8	1,435
2	Ancient human genomes suggest three ancestral populations for present-day Europeans. <i>Nature</i> , 2014, 513, 409-413.	27.8	1,179
3	Genome-wide patterns of selection in 230 ancient Eurasians. <i>Nature</i> , 2015, 528, 499-503.	27.8	1,160
4	Ancient DNA: Do It Right or Not at All. <i>Science</i> , 2000, 289, 1139-1139.	12.6	983
5	Time Dependency of Molecular Rate Estimates and Systematic Overestimation of Recent Divergence Times. <i>Molecular Biology and Evolution</i> , 2005, 22, 1561-1568.	8.9	933
6	Worldwide Phylogeography of Wild Boar Reveals Multiple Centers of Pig Domestication. <i>Science</i> , 2005, 307, 1618-1621.	12.6	729
7	Contamination in Low Microbial Biomass Microbiome Studies: Issues and Recommendations. <i>Trends in Microbiology</i> , 2019, 27, 105-117.	7.7	652
8	Review Paper. Ancient DNA. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 3-16.	2.6	610
9	Rise and Fall of the Beringian Steppe Bison. <i>Science</i> , 2004, 306, 1561-1565.	12.6	601
10	Species-specific responses of Late Quaternary megafauna to climate and humans. <i>Nature</i> , 2011, 479, 359-364.	27.8	586
11	Diverse Plant and Animal Genetic Records from Holocene and Pleistocene Sediments. <i>Science</i> , 2003, 300, 791-795.	12.6	571
12	Fifty thousand years of Arctic vegetation and megafaunal diet. <i>Nature</i> , 2014, 506, 47-51.	27.8	505
13	Sequencing ancient calcified dental plaque shows changes in oral microbiota with dietary shifts of the Neolithic and Industrial revolutions. <i>Nature Genetics</i> , 2013, 45, 450-455.	21.4	500
14	Time-dependent rates of molecular evolution. <i>Molecular Ecology</i> , 2011, 20, 3087-3101.	3.9	473
15	Mass Survival of Birds Across the Cretaceous-Tertiary Boundary: Molecular Evidence. <i>Science</i> , 1997, 275, 1109-1113.	12.6	470
16	Ancient DNA, pig domestication, and the spread of the Neolithic into Europe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15276-15281.	7.1	414
17	Neanderthal behaviour, diet, and disease inferred from ancient DNA in dental calculus. <i>Nature</i> , 2017, 544, 357-361.	27.8	398
18	The Dawn of Human Matrilineal Diversity. <i>American Journal of Human Genetics</i> , 2008, 82, 1130-1140.	6.2	392

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19	Dynamics of Pleistocene Population Extinctions in Beringian Brown Bears. <i>Science</i> , 2002, 295, 2267-2270.	12.6	371
20	Complete mitochondrial genome sequences of two extinct moas clarify ratite evolution. <i>Nature</i> , 2001, 409, 704-707.	27.8	369
21	Ancient DNA from European Early Neolithic Farmers Reveals Their Near Eastern Affinities. <i>PLoS Biology</i> , 2010, 8, e1000536.	5.6	339
22	Ancient mitochondrial DNA provides high-resolution time scale of the peopling of the Americas. <i>Science Advances</i> , 2016, 2, e1501385.	10.3	306
23	Parallel palaeogenomic transects reveal complex genetic history of early European farmers. <i>Nature</i> , 2017, 551, 368-372.	27.8	306
24	A Gondwanan origin of passerine birds supported by DNA sequences of the endemic New Zealand wrens. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 235-241.	2.6	305
25	Population genetics of Ice Age brown bears. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 1651-1654.	7.1	294
26	Ancient DNA Reveals Key Stages in the Formation of Central European Mitochondrial Genetic Diversity. <i>Science</i> , 2013, 342, 257-261.	12.6	293
27	Early Allelic Selection in Maize as Revealed by Ancient DNA. <i>Science</i> , 2003, 302, 1206-1208.	12.6	287
28	Phylogeny and ancient DNA of <i>Sus</i> provides insights into neolithic expansion in Island Southeast Asia and Oceania. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4834-4839.	7.1	286
29	The Influence of Rate Heterogeneity among Sites on the Time Dependence of Molecular Rates. <i>Molecular Biology and Evolution</i> , 2012, 29, 3345-3358.	8.9	275
30	Abrupt warming events drove Late Pleistocene Holarctic megafaunal turnover. <i>Science</i> , 2015, 349, 602-606.	12.6	274
31	Mitochondrial genomes reveal an explosive radiation of extinct and extant bears near the Miocene-Pliocene boundary. <i>BMC Evolutionary Biology</i> , 2008, 8, 220.	3.2	261
32	Environmental metabarcodes for insects: <i>in silico</i> PCR reveals potential for taxonomic bias. <i>Molecular Ecology Resources</i> , 2014, 14, 1160-1170.	4.8	261
33	Reconstructing the Deep Population History of Central and South America. <i>Cell</i> , 2018, 175, 1185-1197.e22.	28.9	259
34	Evidence for Time Dependency of Molecular Rate Estimates. <i>Systematic Biology</i> , 2007, 56, 515-522.	5.6	257
35	Ancient DNA reveals late survival of mammoth and horse in interior Alaska. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22352-22357.	7.1	255
36	Multiple Geographic Origins of Commensalism and Complex Dispersal History of Black Rats. <i>PLoS ONE</i> , 2011, 6, e26357.	2.5	250

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37	Ancient DNA reveals elephant birds and kiwi are sister taxa and clarifies ratite bird evolution. <i>Science</i> , 2014, 344, 898-900.	12.6	247
38	Conserved sequence motifs, alignment, and secondary structure for the third domain of animal 12S rRNA. <i>Molecular Biology and Evolution</i> , 1996, 13, 150-169.	8.9	239
39	Comparison of environmental DNA metabarcoding and conventional fish survey methods in a river system. <i>Biological Conservation</i> , 2016, 197, 131-138.	4.1	228
40	Novel high-resolution characterization of ancient DNA reveals C & U-type base modification events as the sole cause of post mortem miscoding lesions. <i>Nucleic Acids Research</i> , 2007, 35, 5717-5728.	14.5	219
41	Characterization of Genetic Miscoding Lesions Caused by Postmortem Damage. <i>American Journal of Human Genetics</i> , 2003, 72, 48-61.	6.2	217
42	Independent origins of New Zealand moas and kiwis.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 8741-8744.	7.1	216
43	Distribution Patterns of Postmortem Damage in Human Mitochondrial DNA. <i>American Journal of Human Genetics</i> , 2003, 72, 32-47.	6.2	210
44	Resolving the evolution of extant and extinct ruminants with high-throughput phylogenomics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 18644-18649.	7.1	196
45	Aboriginal mitogenomes reveal 50,000 years of regionalism in Australia. <i>Nature</i> , 2017, 544, 180-184.	27.8	195
46	Long-term persistence of bacterial DNA. <i>Current Biology</i> , 2004, 14, R9-R10.	3.9	189
47	Molecular Phylogeny, Biogeography, and Habitat Preference Evolution of Marsupials. <i>Molecular Biology and Evolution</i> , 2014, 31, 2322-2330.	8.9	189
48	Evolutionary explosions and the phylogenetic fuse. <i>Trends in Ecology and Evolution</i> , 1998, 13, 151-156.	8.7	188
49	Not just old but old and cold?. <i>Nature</i> , 2001, 410, 771-772.	27.8	186
50	When did <i>Homo sapiens</i> first reach Southeast Asia and Sahul?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8482-8490.	7.1	186
51	Survival and recovery of DNA from ancient teeth and bones. <i>Journal of Archaeological Science</i> , 2011, 38, 956-964.	2.4	182
52	Neolithic mitochondrial haplogroup H genomes and the genetic origins of Europeans. <i>Nature Communications</i> , 2013, 4, 1764.	12.8	180
53	Accuracy of Rate Estimation Using Relaxed-Clock Models with a Critical Focus on the Early Metazoan Radiation. <i>Molecular Biology and Evolution</i> , 2005, 22, 1355-1363.	8.9	169
54	Absence of <i>Yersinia pestis</i> -specific DNA in human teeth from five European excavations of putative plague victims. <i>Microbiology (United Kingdom)</i> , 2004, 150, 341-354.	1.8	168

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55	Laboratory contamination over time during low-biomass sample analysis. <i>Molecular Ecology Resources</i> , 2019, 19, 982-996.	4.8	161
56	The Oligocene bottleneck and New Zealand biota: genetic record of a past environmental crisis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1995, 261, 293-302.	2.6	154
57	Extreme reversed sexual size dimorphism in the extinct New Zealand moa <i>Dinornis</i> . <i>Nature</i> , 2003, 425, 172-175.	27.8	151
58	The evolutionary history of the extinct ratite moa and New Zealand Neogene paleogeography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20646-20651.	7.1	150
59	Parallel Evolution of Genes and Languages in the Caucasus Region. <i>Molecular Biology and Evolution</i> , 2011, 28, 2905-2920.	8.9	149
60	Iron Age and Anglo-Saxon genomes from East England reveal British migration history. <i>Nature Communications</i> , 2016, 7, 10408.	12.8	144
61	Flight of the Dodo. <i>Science</i> , 2002, 295, 1683-1683.	12.6	143
62	Ancient mitochondrial DNA from hair. <i>Current Biology</i> , 2004, 14, R463-R464.	3.9	143
63	Late-Quaternary biogeographic scenarios for the brown bear ( <i>Ursus arctos</i> ), a wild mammal model species. <i>Quaternary Science Reviews</i> , 2011, 30, 418-430.	3.0	143
64	Evolution, Systematics, and Phylogeography of Pleistocene Horses in the New World: A Molecular Perspective. <i>PLoS Biology</i> , 2005, 3, e241.	5.6	142
65	Phylogeography of lions ( <i>Panthera leo</i> ssp.) reveals three distinct taxa and a late Pleistocene reduction in genetic diversity. <i>Molecular Ecology</i> , 2009, 18, 1668-1677.	3.9	142
66	Revising the recent evolutionary history of equids using ancient DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21754-21759.	7.1	136
67	Testing the Cambrian explosion hypothesis by using a molecular dating technique. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 12386-12389.	7.1	135
68	The Genetic Origins of the Andaman Islanders. <i>American Journal of Human Genetics</i> , 2003, 72, 178-184.	6.2	133
69	A molecular analysis of dietary diversity for three archaic Native Americans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 4317-4322.	7.1	132
70	Four New Avian Mitochondrial Genomes Help Get to Basic Evolutionary Questions in the Late Cretaceous. <i>Molecular Biology and Evolution</i> , 2004, 21, 974-983.	8.9	131
71	Using ancient DNA to study the origins and dispersal of ancestral Polynesian chickens across the Pacific. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4826-4831.	7.1	131
72	Identifying Genetic Traces of Historical Expansions: Phoenician Footprints in the Mediterranean. <i>American Journal of Human Genetics</i> , 2008, 83, 633-642.	6.2	127

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73	From the field to the laboratory: Controlling DNA contamination in human ancient DNA research in the high-throughput sequencing era. <i>Science and Technology of Archaeological Research</i> , 2017, 3, 1-14.	2.4	126
74	Molecular phylogeny of coleoid cephalopods (Mollusca: Cephalopoda) using a multigene approach; the effect of data partitioning on resolving phylogenies in a Bayesian framework. <i>Molecular Phylogenetics and Evolution</i> , 2005, 37, 426-441.	2.7	125
75	Mitochondrial Phylogenomics of Modern and Ancient Equids. <i>PLoS ONE</i> , 2013, 8, e55950.	2.5	123
76	Using palaeoenvironmental DNA to reconstruct past environments: progress and prospects. <i>Journal of Quaternary Science</i> , 2014, 29, 610-626.	2.1	116
77	Ancient DNA analysis of dental calculus. <i>Journal of Human Evolution</i> , 2015, 79, 119-124.	2.6	114
78	DNA from Museum Specimens. , 1994, , 149-165.		109
79	Climate change not to blame for late Quaternary megafauna extinctions in Australia. <i>Nature Communications</i> , 2016, 7, 10511.	12.8	109
80	Y-Chromosomal Diversity in Lebanon Is Structured by Recent Historical Events. <i>American Journal of Human Genetics</i> , 2008, 82, 873-882.	6.2	106
81	Evolution of the extinct Sabretooths and the American cheetah-like cat. <i>Current Biology</i> , 2005, 15, R589-R590.	3.9	105
82	Synergistic roles of climate warming and human occupation in Patagonian megafaunal extinctions during the Last Deglaciation. <i>Science Advances</i> , 2016, 2, e1501682.	10.3	102
83	DNA capture and next-generation sequencing can recover whole mitochondrial genomes from highly degraded samples for human identification. <i>Investigative Genetics</i> , 2013, 4, 26.	3.3	101
84	The Genographic Project Public Participation Mitochondrial DNA Database. <i>PLoS Genetics</i> , 2007, 3, e104.	3.5	99
85	A mitochondrial revelation of early human migrations to the Tibetan Plateau before and after the last glacial maximum. <i>American Journal of Physical Anthropology</i> , 2010, 143, 555-569.	2.1	98
86	Indo-European and Asian origins for Chilean and Pacific chickens revealed by mtDNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10308-10313.	7.1	95
87	Full of Sound and Fury: History of Ancient DNA. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 1999, 30, 457-477.	6.7	94
88	Coprolite deposits reveal the diet and ecology of the extinct New Zealand megaherbivore moa (Aves). <i>Trends in Ecology and Evolution</i> , 2010, 25, 103-110.	3.8	94
89	Relict or colonizer? Extinction and range expansion of penguins in southern New Zealand. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 815-821.	2.6	94
90	The origin, current diversity and future conservation of the modern lion ( <i>Panthera leo</i> ). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2119-2125.	2.6	90

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91	Ancient DNA from marine sediments: Precautions and considerations for seafloor coring, sample handling and data generation. <i>Earth-Science Reviews</i> , 2019, 196, 102887.	9.1	90
92	Using Ancient DNA to Understand Evolutionary and Ecological Processes. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2014, 45, 573-598.	8.3	88
93	The skin microbiome: Associations between altered microbial communities and disease. <i>Australasian Journal of Dermatology</i> , 2015, 56, 268-274.	0.7	88
94	Substitutions in woolly mammoth hemoglobin confer biochemical properties adaptive for cold tolerance. <i>Nature Genetics</i> , 2010, 42, 536-540.	21.4	86
95	Did the Denisovans Cross Wallace's Line?. <i>Science</i> , 2013, 342, 321-323.	12.6	85
96	Divergence time estimates for major cephalopod groups: evidence from multiple genes. <i>Cladistics</i> , 2006, 22, 89-96.	3.3	82
97	Relationships of the extinct moa-nalos, flightless Hawaiian waterfowl, based on ancient DNA. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 2187-2193.	2.6	81
98	Early cave art and ancient DNA record the origin of European bison. <i>Nature Communications</i> , 2016, 7, 13158.	12.8	81
99	High-Resolution Analysis of Cytosine Methylation in Ancient DNA. <i>PLoS ONE</i> , 2012, 7, e30226.	2.5	80
100	Ancient DNA and island endemics. <i>Nature</i> , 1996, 381, 484-484.	27.8	78
101	Ancient DNA Reveals Prehistoric Gene-Flow from Siberia in the Complex Human Population History of North East Europe. <i>PLoS Genetics</i> , 2013, 9, e1003296.	3.5	78
102	Genome of the Tasmanian tiger provides insights into the evolution and demography of an extinct marsupial carnivore. <i>Nature Ecology and Evolution</i> , 2018, 2, 182-192.	7.8	78
103	Ancient DNA Provides New Insights into the Evolutionary History of New Zealand's Extinct Giant Eagle. <i>PLoS Biology</i> , 2005, 3, e9.	5.6	77
104	Evolution of the mane and group-living in the lion ( <i>Panthera leo</i> ): a review. <i>Journal of Zoology</i> , 2004, 263, 329-342.	1.7	76
105	Human Migration through Bottlenecks from Southeast Asia into East Asia during Last Glacial Maximum Revealed by Y Chromosomes. <i>PLoS ONE</i> , 2011, 6, e24282.	2.5	75
106	An updated tree of Y-chromosome Haplogroup O and revised phylogenetic positions of mutations P164 and PK4. <i>European Journal of Human Genetics</i> , 2011, 19, 1013-1015.	2.8	74
107	Limitations and recommendations for successful DNA extraction from forensic soil samples: A review. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2014, 54, 238-244.	2.1	74
108	Sequence preservation of osteocalcin protein and mitochondrial DNA in bison bones older than 55 ka. <i>Geology</i> , 2002, 30, 1099.	4.4	73

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109	High-Resolution Coproecology: Using Coprolites to Reconstruct the Habits and Habitats of New Zealand's Extinct Upland Moa ( <i>Megalapteryx didinus</i> ). <i>PLoS ONE</i> , 2012, 7, e40025.	2.5	73
110	Discovery of lost diversity of paternal horse lineages using ancient DNA. <i>Nature Communications</i> , 2011, 2, 450.	12.8	72
111	A Megafauna's Microfauna: Gastrointestinal Parasites of New Zealand's Extinct Moa (Aves: <i>Tj ETQq1 1 0.784314 rgBT / Overl</i>	2.5	69
112	A Paleogenomic Reconstruction of the Deep Population History of the Andes. <i>Cell</i> , 2020, 181, 1131-1145.e21.	28.9	69
113	Experimental conditions improving in-solution target enrichment for ancient <i>&lt;sc&gt;DNA&lt;/sc&gt;</i> . <i>Molecular Ecology Resources</i> , 2017, 17, 508-522.	4.8	67
114	Antarctic eukaryotic soil diversity of the Prince Charles Mountains revealed by high-throughput sequencing. <i>Soil Biology and Biochemistry</i> , 2016, 95, 112-121.	8.8	66
115	Ancient mitochondrial DNA reveals convergent evolution of giant short-faced bears ( <i>Tremarctinae</i> ) in North and South America. <i>Biology Letters</i> , 2016, 12, 20160062.	2.3	65
116	Using Amplicon Sequencing To Characterize and Monitor Bacterial Diversity in Drinking Water Distribution Systems. <i>Applied and Environmental Microbiology</i> , 2015, 81, 6463-6473.	3.1	63
117	Connecting the Greenland ice-core and U-Th timescales via cosmogenic radionuclides: testing the synchronicity of Dansgaard-Oeschger events. <i>Climate of the Past</i> , 2018, 14, 1755-1781.	3.4	62
118	A global environmental crisis 42,000 years ago. <i>Science</i> , 2021, 371, 811-818.	12.6	61
119	Resistance of degraded hair shafts to contaminant DNA. <i>Forensic Science International</i> , 2006, 156, 208-212.	2.2	60
120	Ancient <i>&lt;sc&gt;DNA&lt;/sc&gt;</i> identifies post-glacial recolonisation, not recent bottlenecks, as the primary driver of contemporary mt <i>&lt;sc&gt;DNA&lt;/sc&gt;</i> phylogeography and diversity in Scandinavian brown bears. <i>Diversity and Distributions</i> , 2013, 19, 245-256.	4.1	59
121	Robust estimates of extinction time in the geological record. <i>Quaternary Science Reviews</i> , 2012, 33, 14-19.	3.0	58
122	The Basque Paradigm: Genetic Evidence of a Maternal Continuity in the Franco-Cantabrian Region since Pre-Neolithic Times. <i>American Journal of Human Genetics</i> , 2012, 90, 486-493.	6.2	58
123	Resolving lost herbivore community structure using coprolites of four sympatric moa species (Aves: <i>Tj ETQq1 1 0.784314 rgBT / Overl</i>	7.1	57
124	Human Origins and Ancient Human DNA. <i>Science</i> , 2001, 292, 1655-1656.	12.6	56
125	An optimized method for the extraction of ancient eukaryote DNA from marine sediments. <i>Molecular Ecology Resources</i> , 2020, 20, 906-919.	4.8	55
126	Pinghua population as an exception of Han Chinese's coherent genetic structure. <i>Journal of Human Genetics</i> , 2008, 53, 303-313.	2.3	54



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127	Coprolites reveal ecological interactions lost with the extinction of New Zealand birds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1546-1551.	7.1	54
128	Ancient plant DNA in the genomic era. <i>Nature Plants</i> , 2018, 4, 394-396.	9.3	54
129	Lost populations and preserving genetic diversity in the lion <i>Panthera leo</i> : Implications for its ex situ conservation. <i>Conservation Genetics</i> , 2006, 7, 507-514.	1.5	53
130	Palaeogeography and voyage modeling indicates early human colonization of Australia was likely from Timor-Roti. <i>Quaternary Science Reviews</i> , 2018, 191, 431-439.	3.0	52
131	Evolution of the moa and their effect on the New Zealand flora. <i>Trends in Ecology and Evolution</i> , 1993, 8, 433-437.	8.7	51
132	Geographical Structure of the Y-Chromosomal Genetic Landscape of the Levant: A coastal-inland contrast. <i>Annals of Human Genetics</i> , 2009, 73, 568-581.	0.8	51
133	Forensic soil DNA analysis using high-throughput sequencing: A comparison of four molecular markers. <i>Forensic Science International: Genetics</i> , 2014, 13, 176-184.	3.1	51
134	Evolution and extinction of the giant rhinoceros <i>Elasmotherium sibiricum</i> sheds light on late Quaternary megafaunal extinctions. <i>Nature Ecology and Evolution</i> , 2019, 3, 31-38.	7.8	50
135	Early Last Interglacial ocean warming drove substantial ice mass loss from Antarctica. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3996-4006.	7.1	50
136	Y-Chromosome and mtDNA Genetics Reveal Significant Contrasts in Affinities of Modern Middle Eastern Populations with European and African Populations. <i>PLoS ONE</i> , 2013, 8, e54616.	2.5	49
137	Ancient mitochondrial genome reveals unsuspected taxonomic affinity of the extinct Chatham duck ( <i>Pachyanas chathamica</i> ) and resolves divergence times for New Zealand and sub-Antarctic brown teals. <i>Molecular Phylogenetics and Evolution</i> , 2014, 70, 420-428.	2.7	49
138	Ancient and modern genomes unravel the evolutionary history of the rhinoceros family. <i>Cell</i> , 2021, 184, 4874-4885.e16.	28.9	49
139	Afghanistan's Ethnic Groups Share a Y-Chromosomal Heritage Structured by Historical Events. <i>PLoS ONE</i> , 2012, 7, e34288.	2.5	46
140	<i>Sporormiella</i> as a proxy for non-mammalian herbivores in island ecosystems. <i>Quaternary Science Reviews</i> , 2011, 30, 915-920.	3.0	44
141	The effect of climate and environmental change on the megafaunal moa of New Zealand in the absence of humans. <i>Quaternary Science Reviews</i> , 2012, 50, 141-153.	3.0	44
142	Rapid megafaunal extinction following human arrival throughout the New World. <i>Quaternary International</i> , 2013, 308-309, 273-277.	1.5	44
143	Broadening the taxonomic scope of coral reef palaeoecological studies using ancient DNA. <i>Molecular Ecology</i> , 2019, 28, 2636-2652.	3.9	44
144	Phylogeny and Evolution of 12S rDNA in Gruiformes (Aves). , 1997, , 121-158.		43

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145	New Zealand Passerines Help Clarify the Diversification of Major Songbird Lineages during the Oligocene. <i>Genome Biology and Evolution</i> , 2015, 7, 2983-2995.	2.5	43
146	Review of Toxic Epidermal Necrolysis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2135.	4.1	43
147	Ancient <scp>DNA</scp> from the extinct South American giant glyptodont <i>Doedicurus</i> sp. ( <i>Xenarthra</i> : Glyptodontidae) reveals that glyptodonts evolved from Eocene armadillos. <i>Molecular Ecology</i> , 2016, 25, 3499-3508.	3.9	43
148	Dire wolves were the last of an ancient New World canid lineage. <i>Nature</i> , 2021, 591, 87-91.	27.8	43
149	Ancient DNA Clarifies the Evolutionary History of American Late Pleistocene Equids. <i>Journal of Molecular Evolution</i> , 2008, 66, 533-538.	1.8	42
150	DNA content and distribution in ancient feathers and potential to reconstruct the plumage of extinct avian taxa. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 3395-3402.	2.6	41
151	Integrating multiple lines of evidence into historical biogeography hypothesis testing: a <i>Bison bison</i> case study. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132782.	2.6	41
152	Closing the gap: New data on the last documented <i>Myotragus</i> and the first human evidence on Mallorca (Balearic Islands, Western Mediterranean Sea). <i>Holocene</i> , 2016, 26, 1887-1891.	1.7	41
153	Toxic Epidermal Necrolysis and Stevenâ€™s Johnson Syndrome: A Comprehensive Review. <i>Advances in Wound Care</i> , 2020, 9, 426-439.	5.1	41
154	A Re-Appraisal of the Early Andean Human Remains from Lauricocha in Peru. <i>PLoS ONE</i> , 2015, 10, e0127141.	2.5	41
155	Long-term survival of ancient DNA in Egypt: Response to Zink and Nerlich (2003). <i>American Journal of Physical Anthropology</i> , 2005, 128, 110-114.	2.1	40
156	Influences of history, geography, and religion on genetic structure: the Maronites in Lebanon. <i>European Journal of Human Genetics</i> , 2011, 19, 334-340.	2.8	40
157	Historical stocking data and 19th century <scp>DNA</scp> reveal humanâ€™induced changes to native diversity and distribution of cutthroat trout. <i>Molecular Ecology</i> , 2012, 21, 5194-5207.	3.9	40
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